

PRODUCT INFORMATION PACKET



Model No: B127

Catalog No: B127

Pool Pump Motor, 3/4 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, S56J Frame, DP



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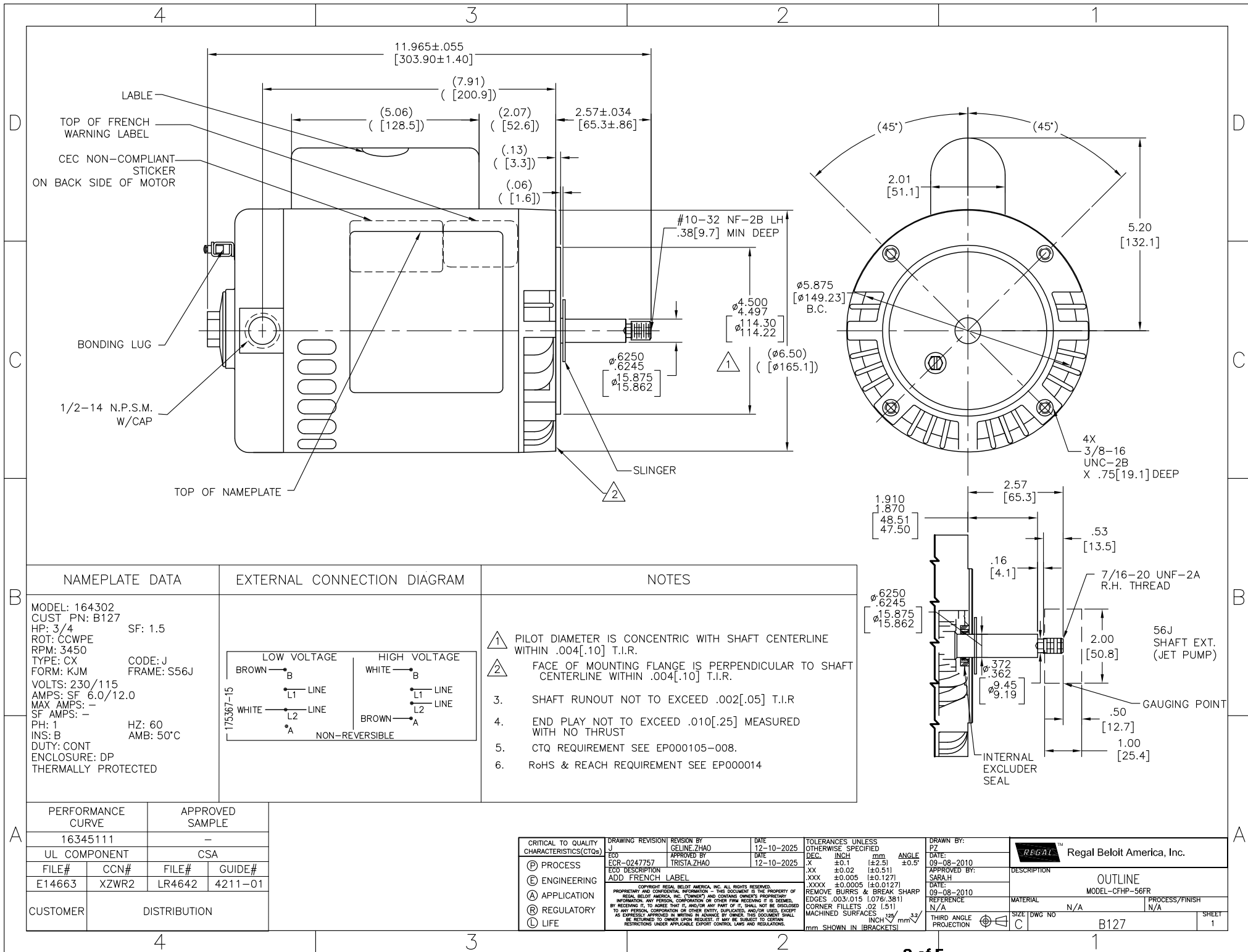
Nameplate Specifications

Phase	1	Output HP	3/4 Hp
Output KW	0.56 kW	Voltage	230/115 V
Speed	3450 rpm	Service Factor	1.5
Frame	S56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	SF 6.0/12.0 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	C Face
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 THREADS	Overall Length	12.01 in
Frame Length	6.38 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in		
Connection Drawing	17536715.PCX	Outline Drawing	B127-S01

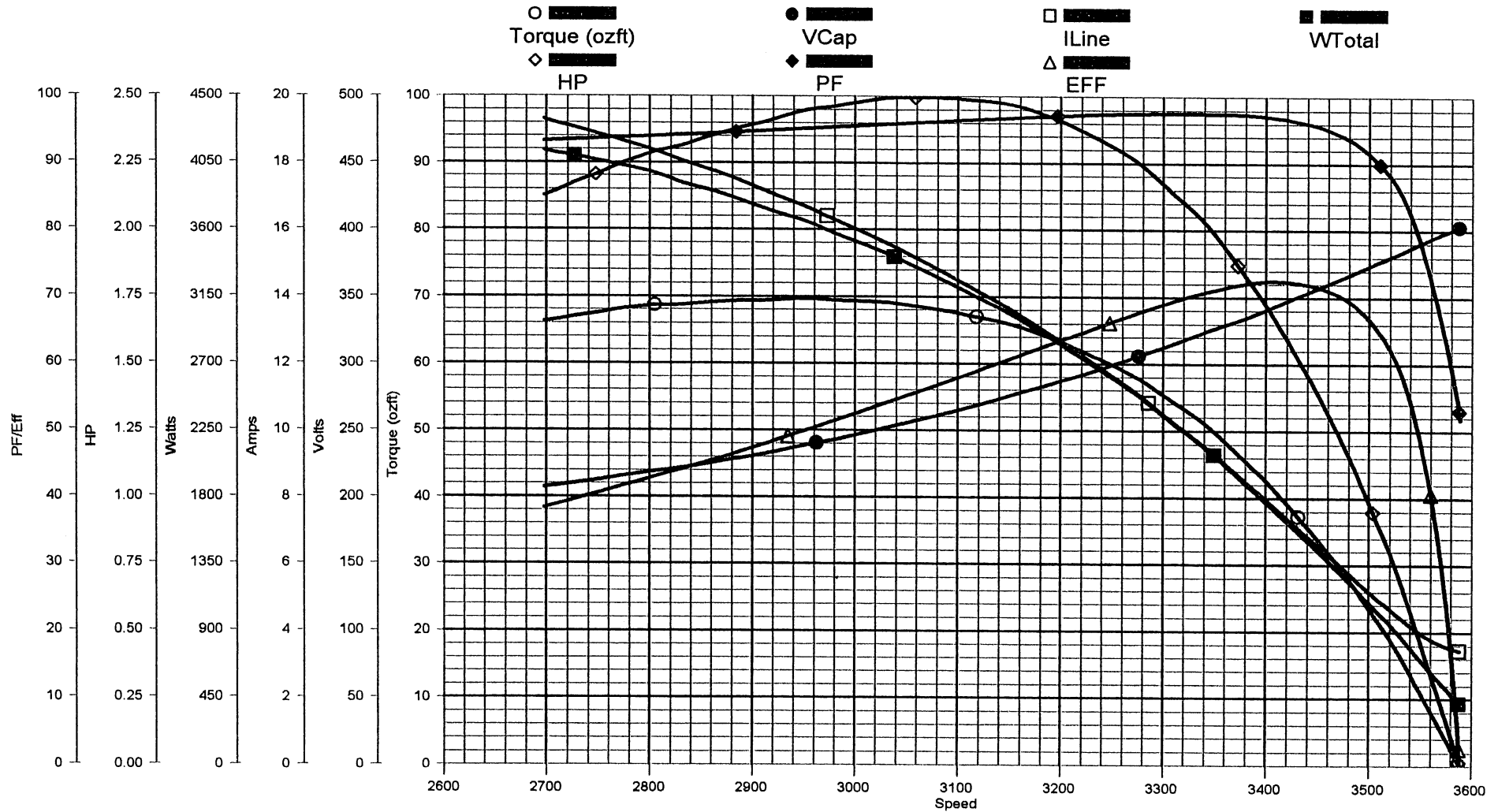
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AO Smith

Performance Down Project: 0444227 (High Speed)

Thursday, September 02, 2004 05:50 AM



TRACKING #: 10028999
 SBU: Pump
 ENGINEER: DWAYNE FOX
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER:
 MODEL: 0444227A
 FRAME: P56Y
 PHASES: 1
 HP:
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

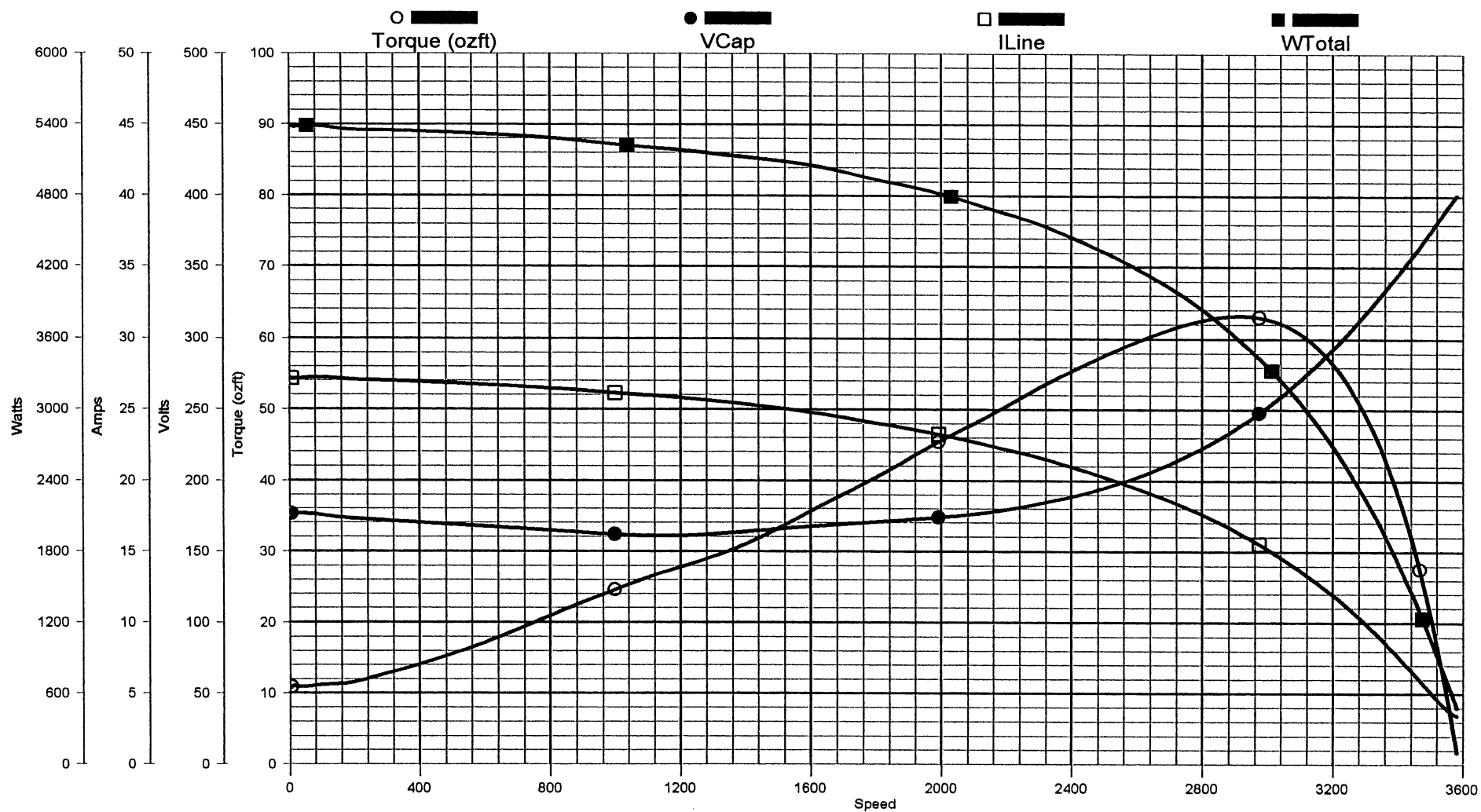
LOCK AMPS: 27.2A
 LOCK TORQUE: 12.0 oz-ft
 BREAKDOWN
 TORQUE: 69.6 oz-ft

DESCRIPTION: OFFSET
 BDT: 69.67
 MT: 69.67
 SF: 35.10
 LRT: 0.00
 LRA: 0.00
 PUT: 0.00
 COMMENT1:
 COMMENT2:
 COMMENT4:

AO Smith

Performance Up Project: 0444227 (High Speed)

Thursday, September 02, 2004 06:03 AM



TRACKING #: 10028999
 SBU: Pump
 ENGINEER: DWAYNE FOX
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER:
 MODEL: 0444227A
 FRAME: P56Y
 PHASES: 1
 HP:
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

DESCRIPTION: 0-SYNC
 BDT: 63.15
 MT: 63.15
 SF: 35.10
 LRT: 10.67
 LRA: 27.14
 PUT: 10.67
 COMMENT1:
 COMMENT2:
 COMMENT4: